|   | Index of Claims |          |            |          |          |             |          |           |   |   |          |                             |              | Application/Control No. |                        |           |              |        |                    |          |   |        |       | Applicant(s)/Patent under Reexamination |                 |                 |             |              |           |         |           |          |          |   |
|---|-----------------|----------|------------|----------|----------|-------------|----------|-----------|---|---|----------|-----------------------------|--------------|-------------------------|------------------------|-----------|--------------|--------|--------------------|----------|---|--------|-------|---|-----------------|-----------------|-------------|--------------|-----------|---------|-----------|----------|----------|---|
|   |                 |          |            |          |          |             |          |           |   |   |          |                             |              |                         | 10/779,347<br>Examiner |           |              |        |                    |          |   |        |       |   | HSU, TSAI-CHENG |                 |             |              |           |         |           |          |          |   |
|   |                 |          |            |          |          |             |          |           |   |   |          |                             |              | John A. Ward            |                        |           |              |        |                    |          |   |        |       | 2875                                    |                 |                 |             |              |           |         |           |          |          |   |
|   |                 |          |            |          |          |             |          |           |   |   |          |                             |              |                         |                        |           |              |        |                    |          |   |        |       |   |                 |                 |             |              |           | _       |           |          |          |   |
|   | √ Rejected      |          |            |          |          |             |          |           |   | _ | (        | (Through numer<br>Cancelled |              |                         |                        |           | ıl) N        |        |                    | ľ        | Non-Electe                              |        |       | ted                                     |                 | A               | Appeal      |              |           |         |           |          |          |   |
|   |                 |          | =          | Allowed  |          |             |          |           |   | + |          | f                           | Restricted   |                         |                        | }         |              |        |                    | Ŀ        | Interference                            |        |       |   | 0               | Objected        |             |              |           |         |           |          |          |   |
|   | Claim           |          |            |          |          | Date        | •        |           |   |   |          | Claim                       |              |                         |                        |           | Da           | te     |                    |          |   |        | Claim |   | <u>_</u>        | Date            |             |              |           | _       |           |          |          |   |
|   | Final           | Original | 8/18/05    |          |          |             |          |           |   |   |          | Final                       |              | Original                |                        |           |              |        |                    |          |   |        |       | Final                                   | Original        |                 |             |              |           |         |           |          |          |   |
|   |                 |          | 8          |          |          | 4           |          | Ц         |   |   | Н        | <u> </u>                    |              | 51                      | 4                      | 4         | 4            | 4      | +                  | Ļ        | _                                       | Н      |       | <u> </u>                                | 101             |                 | 4           | 4            | +         | $\bot$  | $\perp$   | igapha   |          |   |
|   |                 | 2        | ٧          |          |          |             |          |           |   |   |          |                             | T            | 52                      | $\exists$              | 1         | 士            | 士      | 土                  | 上        |   |        |       |   | 102             | Н               | ⇉           | $\pm$        | 1         | 士       | $\pm$     | 士        |          |   |
|   | <u> </u>        | 3        | < <        | Н        | Н        | -           |          | $\dashv$  |   | H | H        | $\vdash$                    |              | 53<br>54                | $\dashv$               | $\dashv$  | +            | +      | +                  | ╀        | H                                       | Н      |       |   | 103<br>104      | Н               | $\dashv$    | +            | +         | +       | ╀         | ╀        | Н        |   |
|   |                 | 5        | ٧          |          |          |             |          |           |   |   |          |                             | 1            | 55                      |                        | $\exists$ | 士            | 土      | 土                  | 上        |   |        |       |   | 105             |                 | 士           | 士            | $\pm$     | 土       | 上         |          |          |   |
|   |                 | 6<br>7   | < <        |          | $\dashv$ |             |          |           | L | L | $\vdash$ | -                           |              | 56<br>57                | 4                      | 4         | +            | 4      | +                  | $\vdash$ | -                                       | Н      |       |   | 106<br>107      | Н               | 4           | +            | +         | $\bot$  | $\perp$   | -        |          |   |
|   | -               | 8        | ٧          |          | $\dashv$ | $\dashv$    | Н        |           |   | Н | H        | $\vdash$                    |              | 58                      | $\dashv$               | $\dashv$  | $\dagger$    | $^{+}$ | +                  | t        |   | Н      |       |   | 108             | Н               | +           | $\top$       | +         | 十       | +         | +        |          |   |
|   |                 | 9        | ٧          |          |          | $\Box$      |          |           |   | Ш |          |                             |              | 59                      | $\Box$                 | $\Box$    | 7            | 1      | T                  |          |   |        |       |   | 109             |                 | $\sqsupset$ | 7            | 1         | 丰       | T         |          |          |   |
|   | <del> </del>    | 10<br>11 | <b>V V</b> |          | $\dashv$ | $\dashv$    | $\dashv$ |           |   | ⊢ | H        | -                           |              | 60<br>61                | $\dashv$               | $\dashv$  | +            | ╁      | ╀                  | ╀        | -                                       | Н      |       | $\vdash$                                | 110             | Н               | $\dashv$    | +            | +         | +       | +         | ╁        | $\vdash$ |   |
|   | _               | 12       | V          |          |          | d           |          |           | _ | Ш |          |                             |              | 62                      | $\exists$              | $\exists$ | $\dagger$    | $\pm$  | t                  | t        |   |        |       |   | 112             | Ш               | $\exists$   | 1            | $\dagger$ | $\pm$   | 上         |          |          |   |
|   |                 | 13       | ٧          |          |          |             |          |           |   |   |          |                             |              | 63                      |                        | $\Box$    | $\bot$       | Ţ      | I                  | Г        |   |        |       |   | 113             |                 | $\Box$      | $\perp$      | I         | Ţ       | I         |          |          |   |
|   |                 | 14<br>15 | < <        | Н        | $\dashv$ | 4           | $\dashv$ | $\dashv$  | _ | _ | $\dashv$ | -                           |              | 64<br>65                | -                      | +         | +            | +      | ╀                  | ╀        | ┝                                       | Н      |       | <u> </u>                                | 114<br>115      | Н               | $\dashv$    | +            | +         | +       | ╀         | ╀        | Н        |   |
| 7 | _               | 16       | H          |          | $\dashv$ | ┪           |          | $\exists$ |   |   | $\vdash$ | $\vdash$                    |              | 66                      | 1                      | 7         | $\dagger$    | +      | 十                  | 十        |   | Н      |       | -                                       | 116             | Н               | $\dashv$    | ╅            | $\dagger$ | 十       | 十         | +        | Н        |   |
|   |                 | 17       |            |          | $\Box$   | $\Box$      |          |           |   |   |          |                             |              | 67                      | $\dashv$               | $\Box$    | $\Box$       | T      | I                  | 匚        |   |        |       |   | 117             |                 | コ           | $\Box$       | Ţ         | 1       | I         |          |          |   |
|   |                 | 18<br>19 | Н          | Н        | -        | $\dashv$    | $\dashv$ | $\dashv$  | _ |   | H        | $\vdash$                    |              | 68<br>69                | $\dashv$               | +         | +            | +      | ╁                  | ╀        | -                                       | Н      |       | <u> </u>                                | 118<br>119      | H               | $\dashv$    | +            | +         | +-      | ╀         | ╁        | $\vdash$ |   |
|   |                 | 20       | Н          |          |          |             |          |           | _ |   | $\Box$   |                             | Т            | 70                      | 寸                      | $\exists$ | 士            | 士      | 土                  |          |   |        |       |   | 120             |                 | $\exists$   | $\pm$        | $\pm$     | 士       | $\perp$   | 上        |          |   |
|   |                 | 21       | П          |          |          | $\Box$      |          |           |   |   |          |                             |              | 71                      | $\Box$                 | $\Box$    | $\perp$      | Ţ      | T                  |          |   | Ц      |       |   | 121             |                 | $\exists$   | Į            | Ţ         | T       | I         | oxdot    |          |   |
|   | $\vdash$        | 22<br>23 | Н          | -        | $\dashv$ | ᅱ           | $\dashv$ | -         |   |   | $\dashv$ | $\vdash$                    |              | 72<br>73                | $\dashv$               | +         | +            | +      | ╀                  | Ͱ        | H                                       | Н      |       | $\vdash$                                | 122<br>123      | Н               | $\dashv$    | +            | +         | +       | ╀         | $\vdash$ | Н        |   |
|   |                 | 24       | Н          |          | $\dashv$ | 1           |          |           |   |   | $\dashv$ |                             | Т            | 74                      | 7                      | +         | $\top$       | 十      | 十                  | t        |   | Н      |       |   | 124             | Н               | 7           | $\top$       | +         | +       | +         | t        | Н        |   |
|   |                 | 25       |            |          |          | $\exists$   |          |           |   |   |          |                             |              | 75                      | $\Box$                 | 1         | I            | Ţ      | I                  | L        |   |        |       |   | 125             |                 | $\dashv$    | $\dashv$     | 1         | 工       | Γ         |          |          |   |
|   |                 | 26<br>27 | Н          | Н        | $\dashv$ | $\dashv$    | $\dashv$ | $\dashv$  |   |   | H        | $\vdash$                    | +            | 76<br>77                | $\dashv$               | +         | +            | +      | +                  | ╀        |   | Н      |       | $\vdash$                                | 126<br>127      | $\vdash$        | $\dashv$    | -            | +         | +       | ╀         | $\vdash$ | Н        |   |
|   | $\vdash$        | 28       |            | $\vdash$ | $\neg$   | ┪           | $\dashv$ | $\dashv$  |   |   | $\Box$   | $\vdash$                    | Т            | 78                      | $\dashv$               | $\forall$ | +            | 十      | 1                  | 1        | $\vdash$                                | Н      |       | Н                                       | 128             | Н               | 寸           | +            | +         | +       | $\dagger$ | 1        | Н        |   |
|   |                 | 29       |            |          |          | $\Box$      |          | $\Box$    |   |   |          |                             | $\downarrow$ | 79                      |                        | $\dashv$  | $\downarrow$ | I      | I                  |          |   | $\Box$ |       |   | 129             | П               | $\Box$      | $\Box$       | $\top$    | $\perp$ | Γ         |          |          |   |
|   | $\vdash$        | 30<br>31 | Н          | $\dashv$ | $\dashv$ | -           | $\vdash$ | $\dashv$  |   |   | $\dashv$ | $\vdash$                    |              | 80<br>81                | +                      | +         | +            | +      | +                  | ╀        | Н                                       | Н      |       | Н                                       | 130<br>131      | $\vdash$        | +           | +            | ┿         | ╀       | +         | -        | H        |   |
|   |                 | 32       | H          | $\dashv$ |          | ┪           | $\dashv$ | $\dashv$  |   |   |          | $\vdash$                    |              | 82                      | 十                      | $\dashv$  | +            | +      | +                  | H        |   | Н      |       | $\vdash$                                | 132             | $\vdash$        | ┪           | +            | ╅         | +       | t         | $\vdash$ | Н        |   |
|   |                 | 33       |            |          |          | $\Box$      | Ц        |           |   |   |          |                             |              | 83                      | $\Box$                 | $\exists$ | 7            | I      | $oldsymbol{\perp}$ | L        |   |        |       |   | 133             |                 | $\Box$      | ユ            | 1         | 丰       | I         |          |          |   |
|   |                 | 34<br>35 | $\vdash$   | Н        | $\dashv$ | -           | $\dashv$ | $\dashv$  |   | - | $\dashv$ | $\vdash$                    |              | 84<br>85                | -+                     | +         | +            | +      | ╀                  | ╀        | Н                                       | Н      |       |   | 134<br>135      | $\vdash$        | $\dashv$    | +            | +         | +       | ╀         | $\vdash$ | Н        | - |
|   | $\vdash$        | 36       | Н          | $\vdash$ | $\dashv$ | 一           | $\dashv$ | $\dashv$  | - | _ | $\dashv$ | $\vdash$                    |              | 86                      | $\dashv$               | $\dashv$  | +            | +      | +                  | $\vdash$ | Н                                       | Н      |       | Н                                       | 136             | Н               | ┪           | $\dashv$     | +         | +       | +         |          | Н        |   |
|   |                 | 37       |            |          |          | $\Box$      |          |           |   |   |          |                             | _            | 87                      | $\Box$                 | 1         | I            | I      |                    | 匚        |   |        |       |   | 137             |                 |             |              | 1         |         |           |          |          |   |
|   | <b> </b>        | 38       | Н          | $\dashv$ | $\dashv$ | -           | -        | -         |   | _ | $\dashv$ | $\vdash$                    |              | 88<br>89                | 4                      | +         | +            | +      | +                  | H        | $\vdash$                                | Н      |       | $\vdash$                                | 13B<br>139      | $\vdash \vdash$ | +           | -            | +         | +       | +         | $\vdash$ | Н        |   |
|   | $\vdash$        | 40       | H          | $\dashv$ | $\dashv$ | ᅱ           | ᅱ        | ᅱ         |   | - | $\dashv$ | $\vdash$                    |              | 90                      | ᅥ                      | $\dashv$  | +            | +      | +                  | H        | $\vdash$                                | H      |       | $\vdash \vdash$                         | 140             | H               | $\dashv$    | $\dashv$     | +         | +       | +         | +        | Н        |   |
|   |                 | 41       | 口          |          | $\Box$   | $\sqsupset$ | コ        | コ         |   |   |          |                             | 1            | 91                      | コ                      | ユ         | #            | 1      | I                  |          |   | 口      |       | $\square$                               | 141             | 口               | $\Box$      | $\downarrow$ | 1         | 1       | T         |          |          |   |
|   | $\vdash$        | 42       | $\sqcup$   | _        |          | -           | 4        | 4         |   | Щ | $\dashv$ | $\vdash$                    |              | 92<br>93                | 4                      | -         | +            | +      | +                  | H        | H                                       | Н      |       |   | 142             | Н               | $\dashv$    | +            | 4         | +       | +         | +-       | Н        |   |
|   |                 | 43       | Н          | $\dashv$ | $\dashv$ | ᅱ           | ᅱ        | $\dashv$  |   | Н | $\dashv$ | $\vdash$                    | _            | 94                      | +                      | 十         | +            | +      | 十                  | H        | H                                       | Н      |       | $\vdash$                                | 143             | Н               | $\dashv$    | +            | +         | ┿       | ╁         | $\vdash$ | Н        |   |
|   |                 | 45       |            |          |          | ⇉           |          |           |   |   |          |                             | 1            | 95                      | $\sqsupset$            | コ         | 1            | Ţ      | I                  | Γ        |   |        |       |   | 145             |                 | コ           | $\downarrow$ | #         | 工       | 1         |          |          |   |
|   | $\vdash$        | 46<br>47 | Н          | $\dashv$ | $\dashv$ | $\dashv$    | $\dashv$ | $\dashv$  |   | Н | $\vdash$ | $\vdash$                    |              | 96<br>97                | +                      | +         | +            | ╀      | ╀                  | ╀        | Н                                       | Н      |       | $\vdash\vdash$                          | 146<br>147      | Н               | $\dashv$    | +            | +         | ╀       | +         | ╀        | Н        |   |
|   | L               |          |            |          | t        |             | 1        |           |   |   |          |                             | Ł            | ~                       | 1                      | i_        | 1_           |        |                    | í        | نــــــــــــــــــــــــــــــــــــــ | _      |       |   | 1.41            |                 |             |              |           | i       |           | 1        | ŧ I      | 1 |